

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104106.D
 Acq On : 30 Mar 2018 21:20
 Operator : JU/SJ
 Sample : J1752-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-032918-A

Quant Time: Mar 31 00:01:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117084	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	501705	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	221362	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	379707	20.00	ng	0.00
75) Chrysene-d12	14.14	240	245659	20.00	ng	0.00
86) Perylene-d12	15.68	264	231038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	126655	17.25	ng	0.00
7) Phenol-d6	6.59	99	203545	22.53	ng	0.00
23) Nitrobenzene-d5	7.52	82	114401	13.94	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	48517	19.68	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	249210	17.75	ng	0.00
78) Terphenyl-d14	13.07	244	200622	18.86	ng	0.00

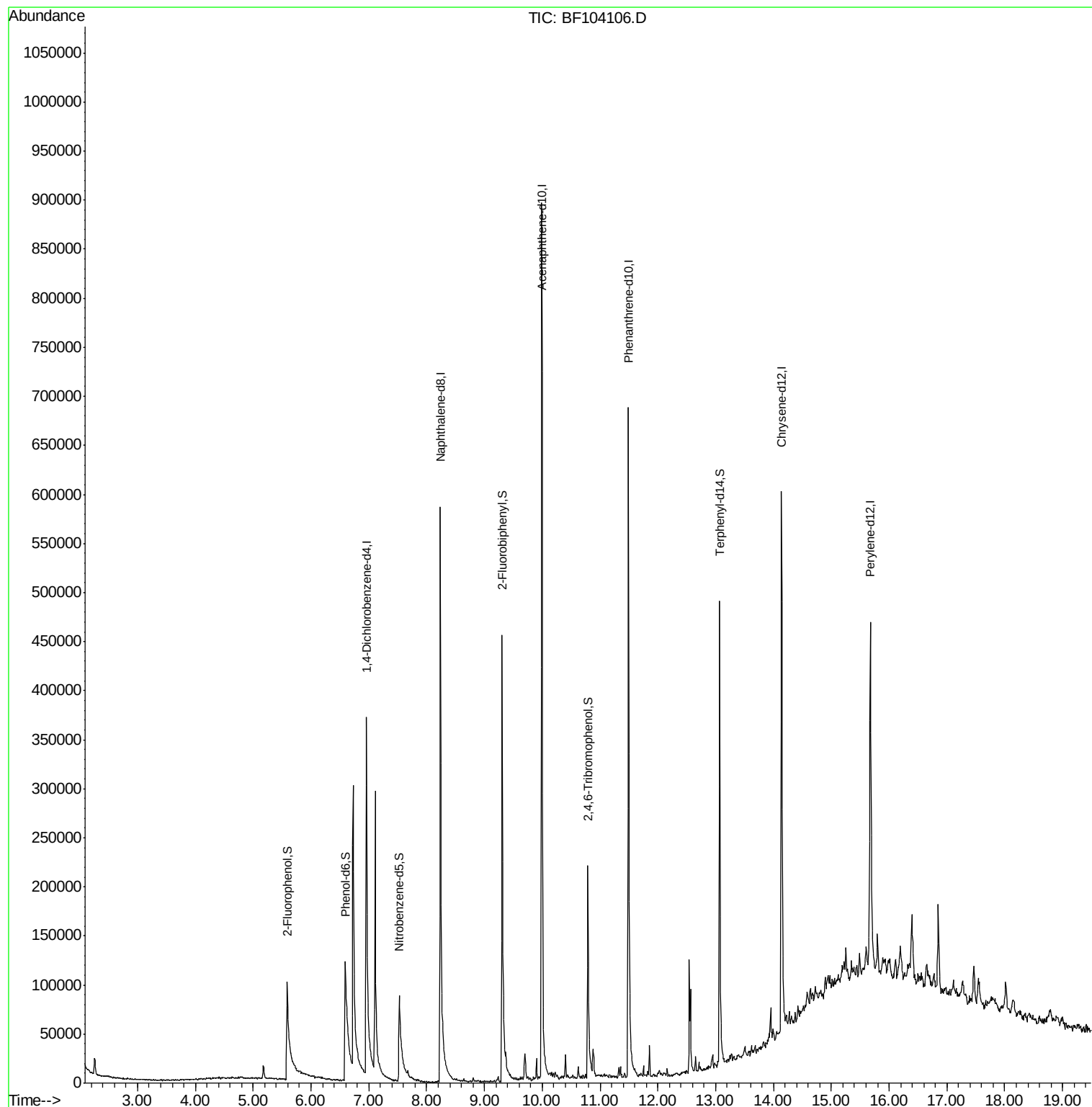
Target Compounds Qvalue

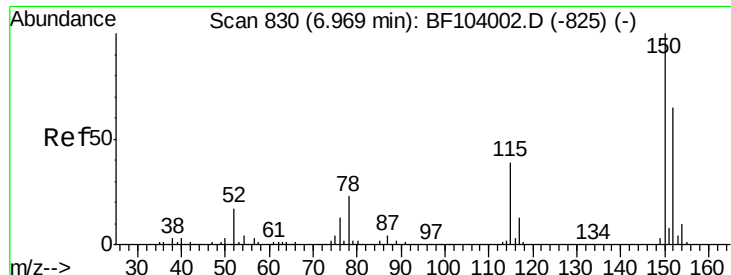
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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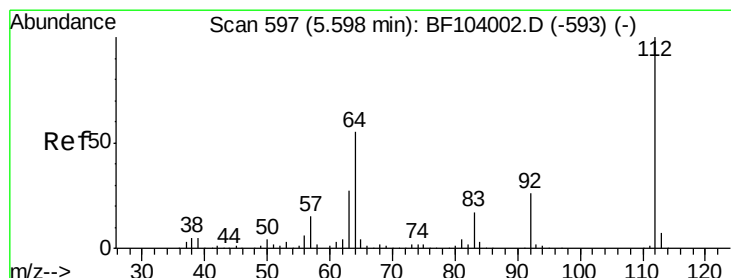
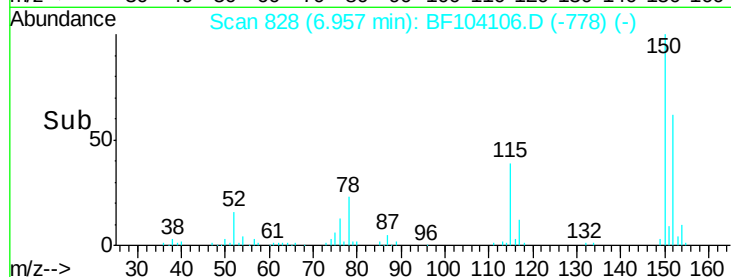
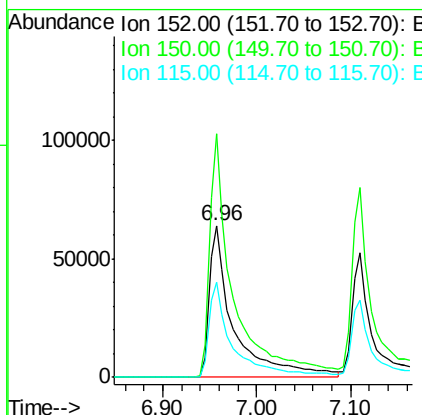
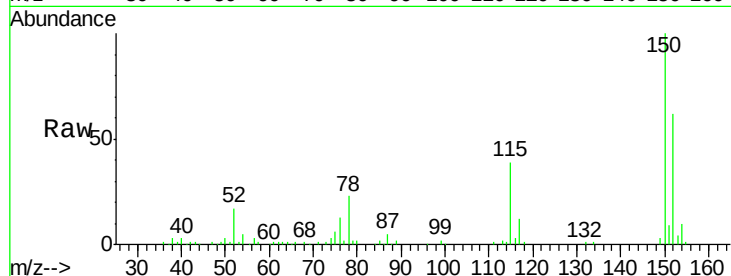


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104106.D
 Acq: 30 Mar 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-032918-A

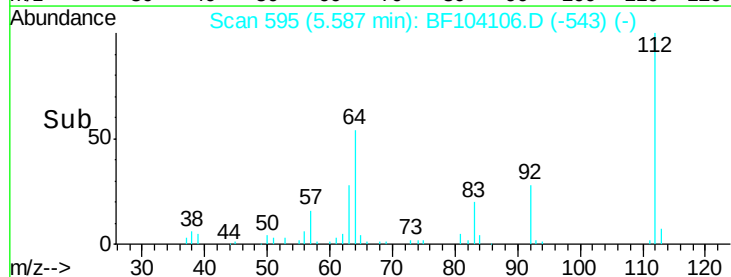
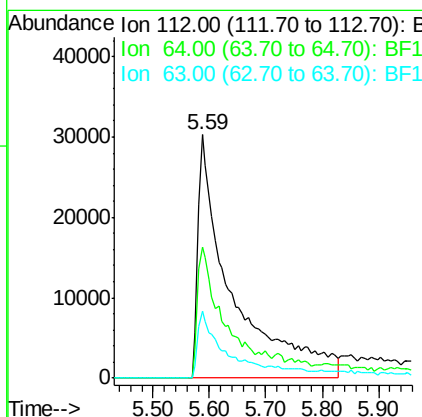
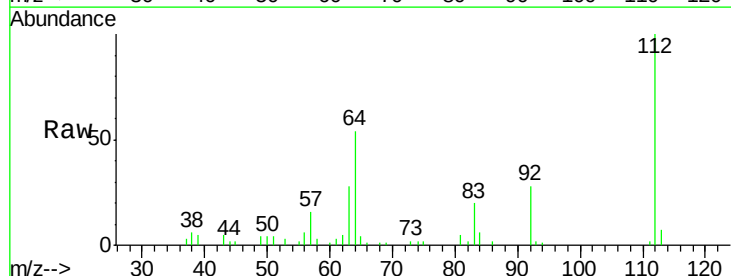
Tot Ion:152 Resp: 117084
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 62.6 50.1 75.1

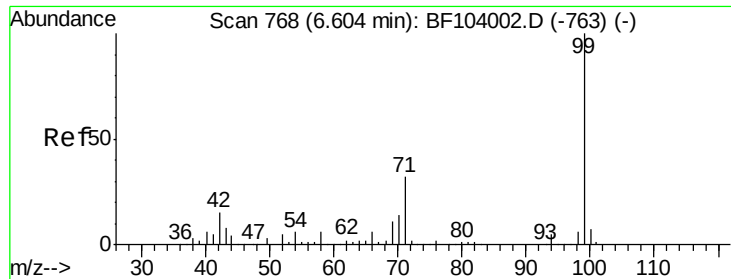


#5

2-Fluorophenol
 Concen: 17.251 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF104106.D
 Acq: 30 Mar 2018 21:20

Tgt Ion:112 Resp: 126655
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.9 71.9
 63 27.7 23.7 35.5





#7

Phenol-d6

Concen: 22.534 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

Instrument :

BNA_F

ClientSampleId :

NB-01-032918-A

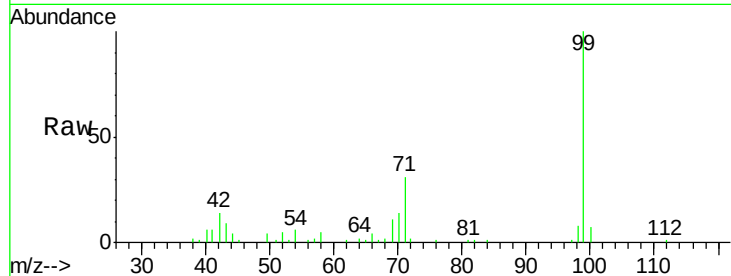
Tot Ion: 99 Resp: 203545

Ion Ratio Lower Upper

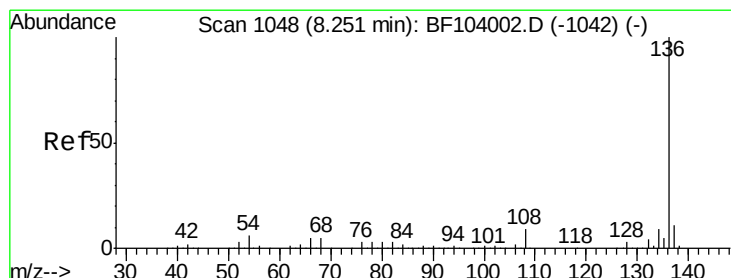
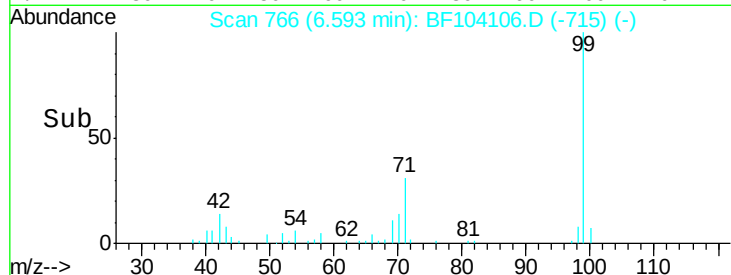
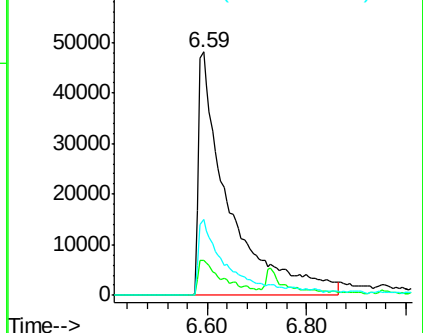
99 100

42 14.1 14.5 21.7#

71 31.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

Tgt Ion: 136 Resp: 501705

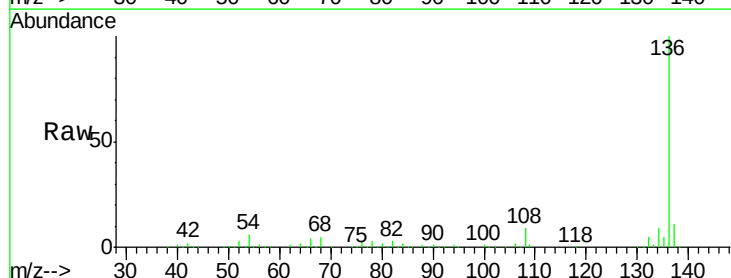
Ion Ratio Lower Upper

136 100

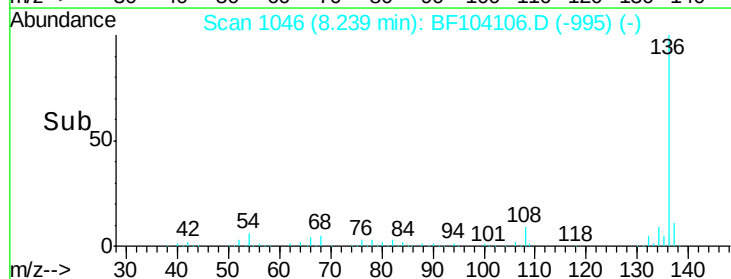
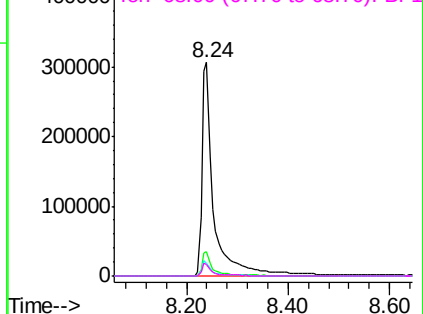
137 11.2 8.9 13.3

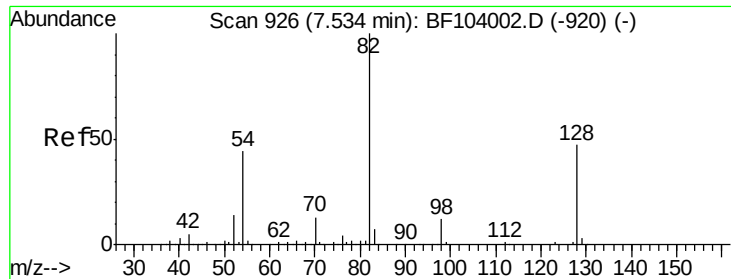
54 5.9 6.6 9.8#

68 5.5 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

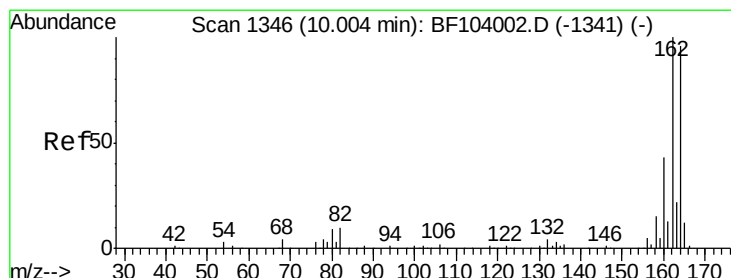
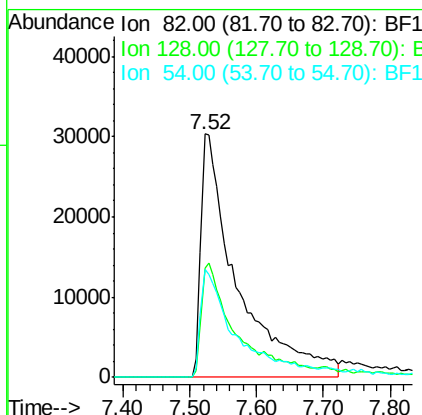
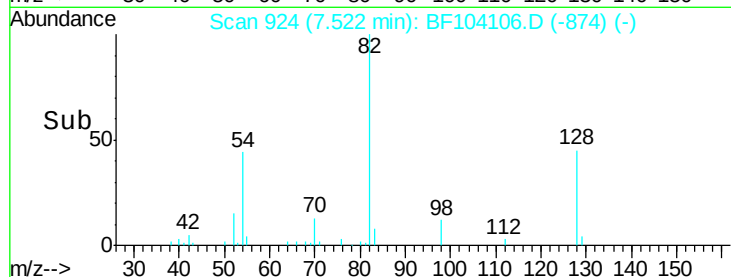
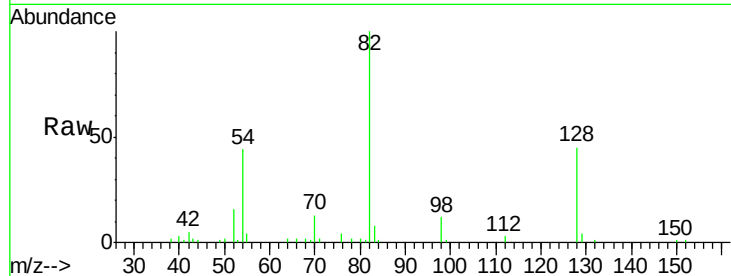




#23
 Nitrobenzene-d5
 Concen: 13.945 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104106.D
 Acq: 30 Mar 2018 21:20

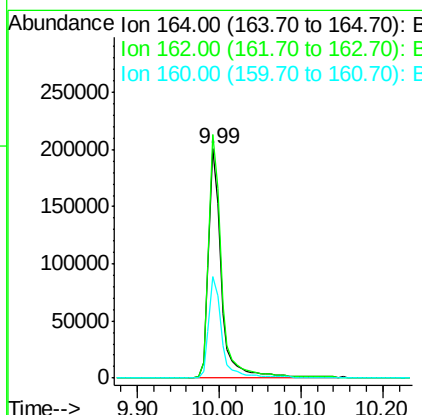
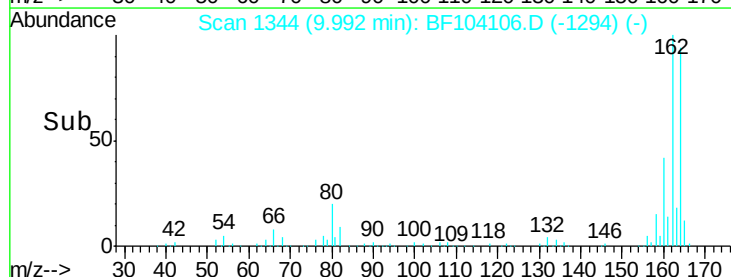
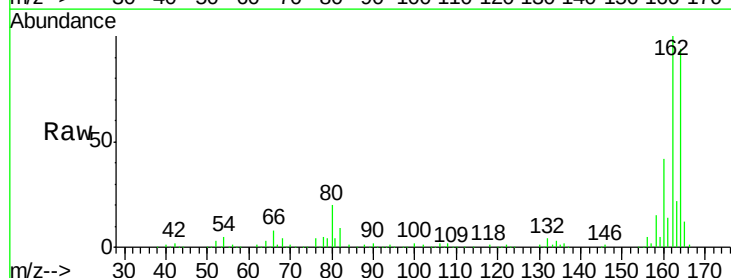
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-032918-A

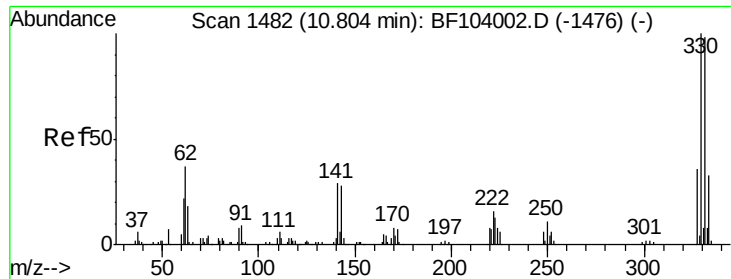
Tot Ion	82	Resp	114401
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	44.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104106.D
 Acq: 30 Mar 2018 21:20

Tgt Ion	164	Resp	221362
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	106.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 19.683 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

Instrument :

BNA_F

ClientSampleId :

NB-01-032918-A

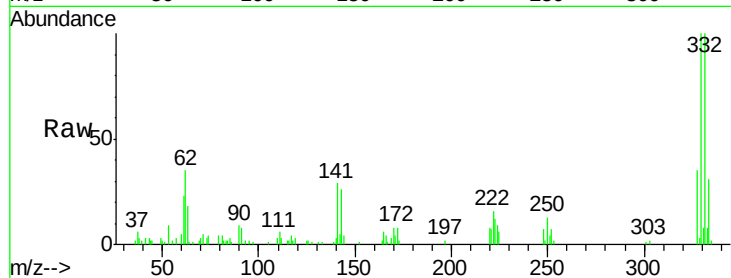
Tot Ion:330 Resp: 48517

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

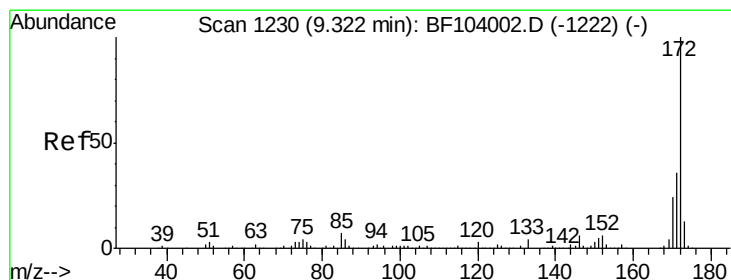
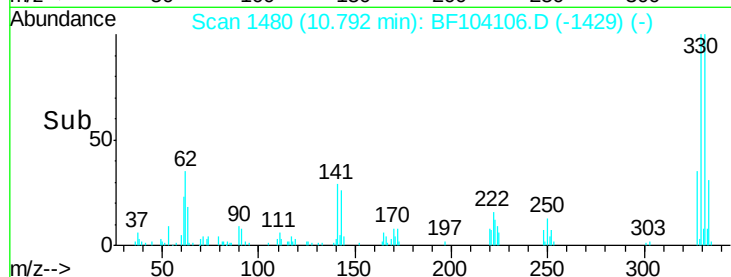
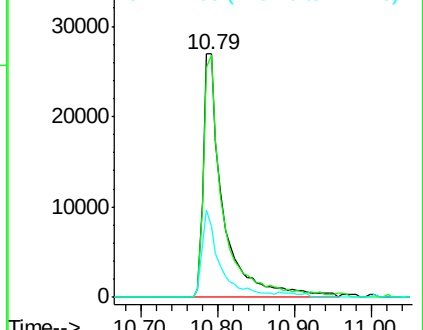
141 31.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 17.753 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

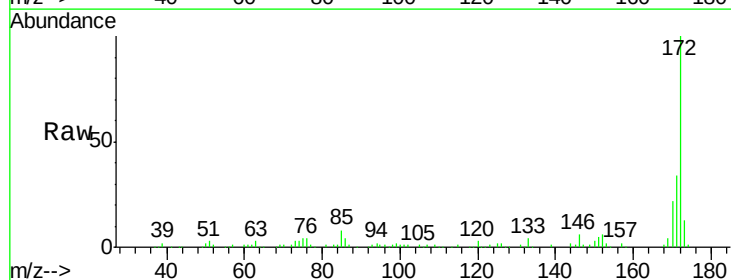
Tgt Ion:172 Resp: 249210

Ion Ratio Lower Upper

172 100

171 34.3 29.7 44.5

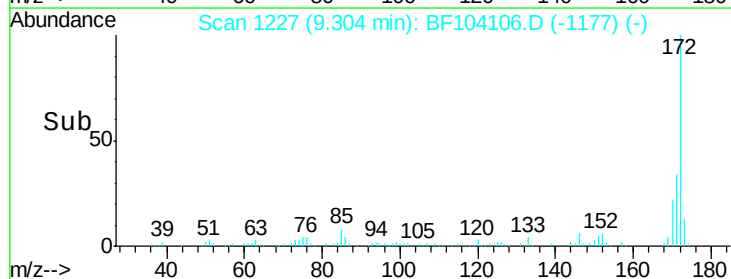
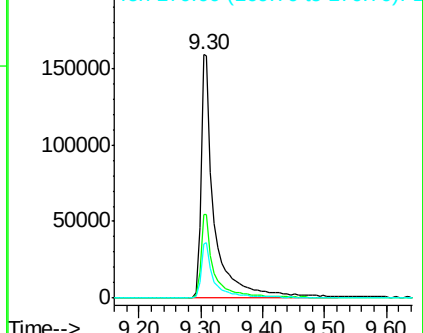
170 22.4 19.6 29.4

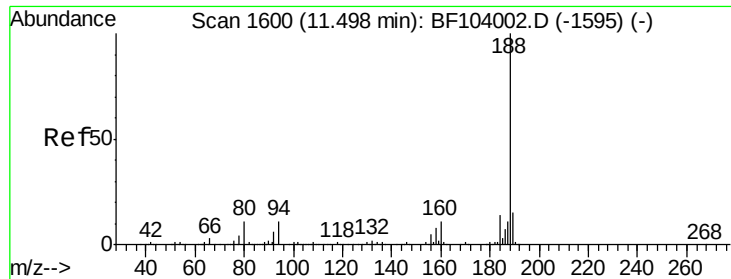


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

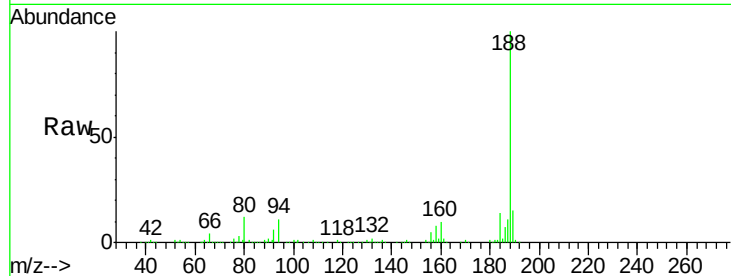




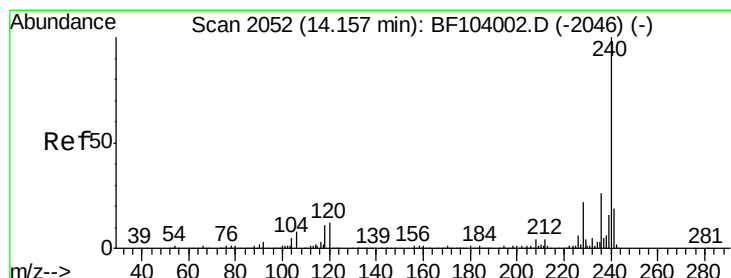
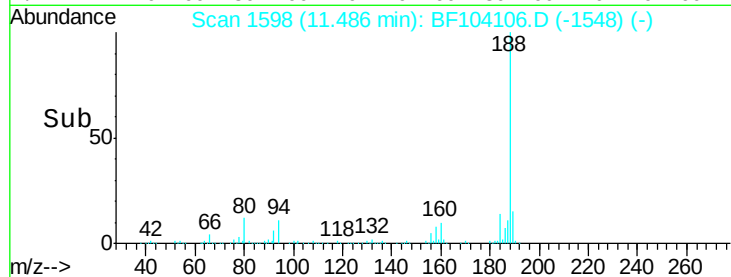
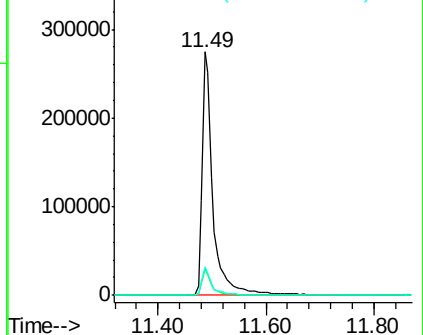
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF104106.D
Acq: 30 Mar 2018 21:20

Instrument :
BNA_F
ClientSampleId :
NB-01-032918-A

Tot Ion:188 Resp: 379707
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.7 9.2 13.8

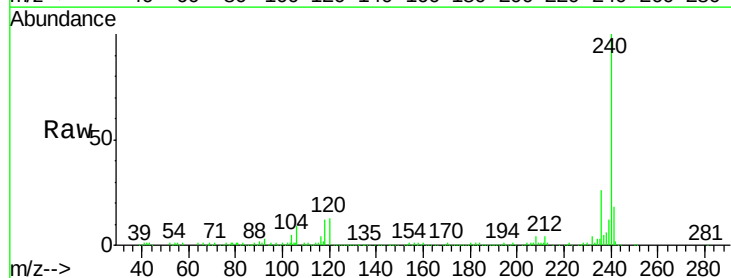


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

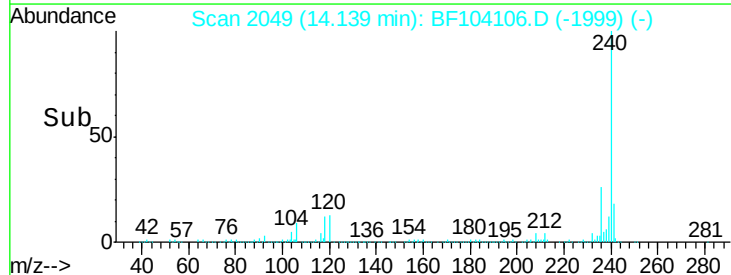
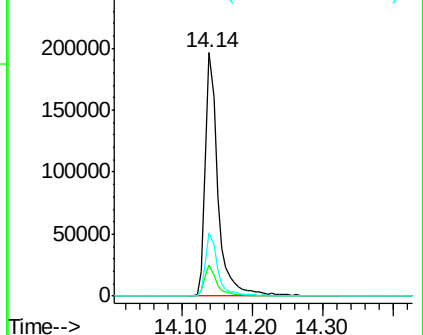


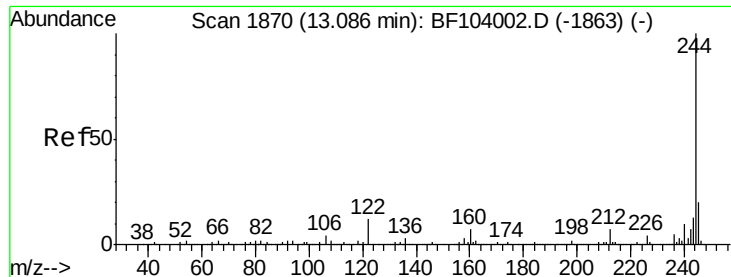
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104106.D
Acq: 30 Mar 2018 21:20

Tgt Ion:240 Resp: 245659
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 18.856 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

Instrument :

BNA_F

ClientSampleId :

NB-01-032918-A

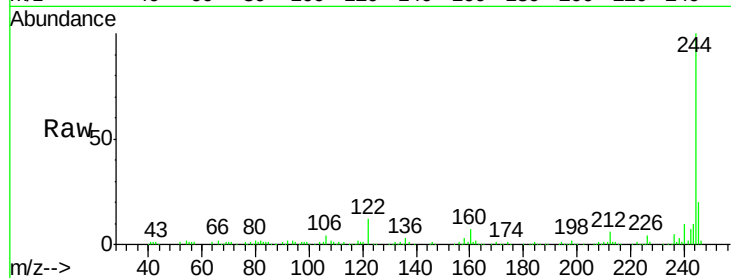
Tot Ion:244 Resp: 200622

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

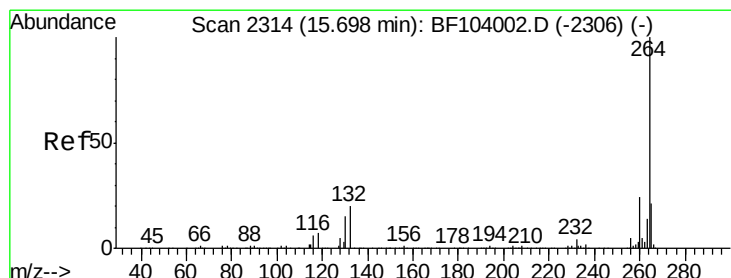
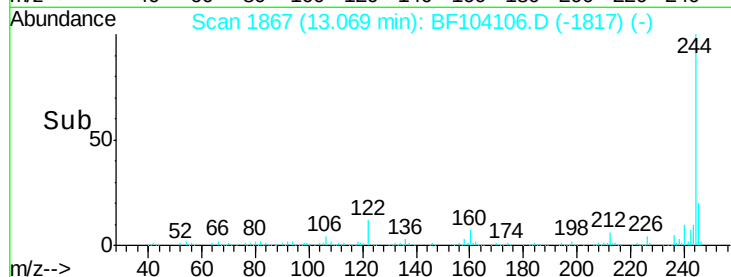
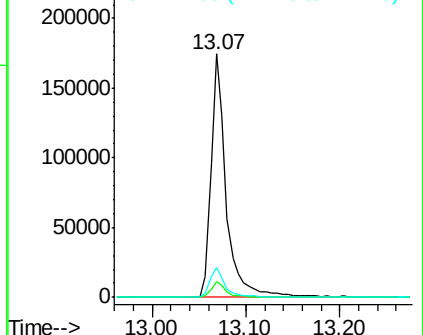
122 12.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. 0.00 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

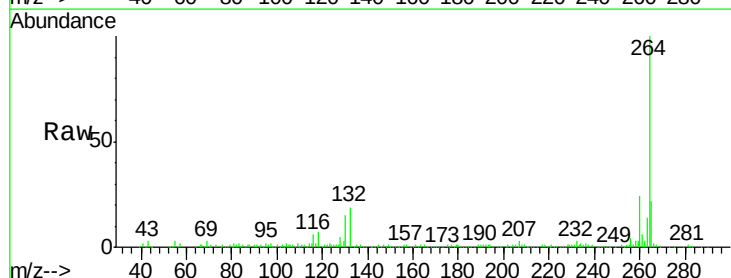
Tgt Ion:264 Resp: 231038

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

